

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

9

Application Number	09/769,141
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus et al.
Art Unit	2876
Examiner Name	Le, Thien Minh

Attorney Docket Number

660-026

### ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Ward & Olivo 382 Springfield Ave. Summit, NJ 07901 <i>Tom W. Olivo, Jr.</i>
Signature	
Date	6/18/04

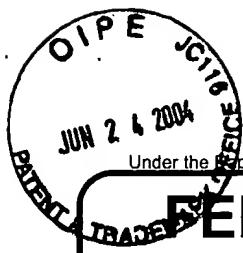
### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Edward P. Bakos, Esq.
Signature	
	Date 6/18/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# EE TRANSMITTAL for FY 2003

*Effective 01/01/2003. Patent fees are subject to annual revision.*

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 180.00)

<i>Complete if Known</i>	
Application Number	09/769,141
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Examiner Name	Le, Thien Minh
Art Unit	2876
Attorney Docket No.	660-026

**METHOD OF PAYMENT** (check all that apply)

Check  Credit card  Money Order  Other  None

Deposit Account:

Deposit Account Number	23-0420
Deposit Account Name	Ward & Olivo

**The Commissioner is authorized to: (check all that apply)**

Charge fee(s) indicated below  Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

### Large Entity , Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) _____					

*\*\*or number previously paid, if greater: For Reissues, see above*

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 180.00

**SUBMITTED BY**

Name (Print/Type)	John W. Olivo, Jr.	Registration No. (Attorney/Agent)	35,634	Telephone 908-277-3333
Signature				Date 6/18/004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



12876  
JFW  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Spencer A. Rathus et al.

Serial No.: 09/769,141

Group Art Unit: 2876

Filed: January 25, 2001

Examiner: Le, Thien Minh

For: METHOD AND APPARATUS FOR  
ACCESSING ELECTRONIC DATA  
VIA A FAMILIAR PRINTED MEDIUM

Atty Doc. No. 660-026

Honorable Commissioner for Patents  
P.O. Box 1430  
Alexandria, VA 22313-1430

LETTER

SIR:

Please be advised of the following related co-pending  
applications:

Attorney Docket Number	Examiner	Serial Number
660-015	Kim, Ahshik	09/769,134
660-016	Le, Thien Minh	09/769,136
660-017	Le, Thien Minh	09/769,137
660-018	Le, Thien Minh	09/769,144
660-019	Le, Thien Minh	09/769,146
660-020	Le, Thien Minh	09/769,139
660-021	Le, Thien Minh	09/769,138
660-022	Kim, Ahshik	09/769,140
660-023	Le, Uyen-Chau N.	09/769,142
660-025	Le, Thien Minh	09/769,143
660-026	Le, Thien Minh	09/769,141
660-027	Kim, Ahshik	09/769,149
660-028	Kim, Ahshik	09/769,148
660-029	Le, Thien Minh	09/769,147
660-030	Le, Thien Minh	09/747,295
660-031	Kim, Ahshik	09/769,134

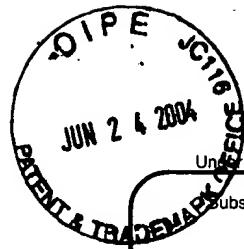
Please feel free to contact the undersigned attorney with any questions.

Respectfully submitted,

---

John W. Olivo, Jr.  
Reg. No. 35,634  
WARD & OLIVO  
382 Springfield Avenue  
Suite 300  
Summit, NJ 07901  
(908) 277-3333

Date: June 17, 2004



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 15

## Complete if Known

Application Number	09/769,141
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	660-026

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
1	US- 3,705,384		12-05-1972	Wahlberg	
2	US- 3,735,350		05-22-1973	Lemelson	
3	US- 3,976,995		08-24-1976	Sebestyen	
4	US- 4,117,542		09-26-1978	Klausner et al.	
5	US- 4,283,621		08-11-1981	Pembroke	
6	US- 4,601,573		07-22-1986	Utsugi	
7	US- 4,659,213		04-21-1987	Matsumoto	
8	US- 4,711,994		12-08-1987	Greenberg	
9	US- 4,723,212		02-02-1988	Mindrum et al.	
10	US- 4,793,813		12-27-1998	Bitzer et al.	
11	US- 4,812,879		03-14-1989	Suzuki	
12	US- 4,820,167		04-11-1989	Nobles et al.	
13	US- 4,839,507		06-13-1989	May	
14	US- 4,897,865		01-30-1990	Canuel	
15	US- 4,910,672		03-20-1990	Off et al.	
16	US- 4,984,155		01-08-1991	Geier et al.	
17	US- 5,002,491		03-26-1991	Abrahamson et al.	
18	US- 5,021,984		06-04-1991	Meade et al.	
19	US- 5,027,196		06-25-1991	Ono et al.	

## FOREIGN PATENT DOCUMENTS

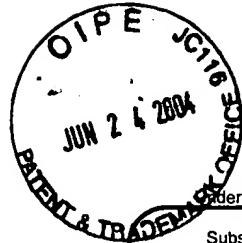
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
20	DE 2452202 A1		11-20-1975	Waterbury		
21	JP 60-46,684		03-13-1985	Masaaki et al.		
22	JP 62-98,334		05-07-1987	Yoshitomo, Abe		
23	EP 357899 A		03-14-1990	Schulz		
24	GB 2 232 119 A		12-05-1990	Webster et al.		
25	JP 02103025 A		04-16-1990	Hirata, Hideyuk		

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 12

of 15

**Complete if Known**

Application Number	09/769,141
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	660-026

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
26	US- 5,031,098		07-09-1991	Miller et al.	
27	US- 5,111,196		05-05-1992	Hunt, Peter F.	
28	US- 5,119,188		06-02-1992	McCalley et al.	
29	US- 5,158,310		10-27-1992	Tannehill et al.	
30	US- 5,168,303		12-01-1992	Ikenoue et al.	
31	US- 5,173,851		12-22-1992	Off et al.	
32	US- 5,181,062		01-19-1993	Kazumi, Jiro	
33	US- 5,204,813		04-20-1993	Samph et al.	
34	US- 5,222,624		06-29-1993	Burr	
35	US- 5,235,509		08-10-1993	Mueller et al.	
36	US- 5,262,860		11-16-1993	Fitzpatrick et al.	
37	US- 5,287,181		02-15-1994	Holman	
38	US- 5,287,266		02-15-1994	Malec et al.	
39	US- 5,288,977		02-22-1994	Amendolia et al.	
40	US- 5,295,064		03-15-1994	Malec et al.	
41	US- 5,295,836		03-22-1994	Ryu et al.	
42	US- 5,302,990		04-12-1994	Satoh et al.	
43	US- 5,310,349		05-10-1994	Daniels et al.	
44	US- 5,353,219		10-04-1994	Mueller et al.	

**FOREIGN PATENT DOCUMENTS**

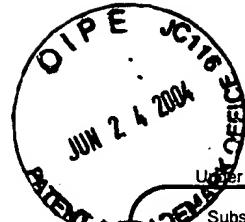
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
45	JP 02127792 A		05-16-1990	Oki, Shinji		
46	JP 03151263 A		06-27-1991	Osawa		
47	JP 03174693 A		07-29-1991	Ashida et al.		
48	JP 04-023,183		01-27-1992	Masahide		
49	JP 06110913 A		04-22-1994	Watanabe		
50	JP 6-233,159		08-19-1994	Tsutomu		

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 3

of 5

**Complete if Known**

Application Number	09/769,141
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	660-026

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (# known)			
51	US- 5,368,129	11-29-1994	Von Kohorn		
52	US- 5,369,571	11-29-1994	Metts		
53	US- 5,385,371	01-31-1995	Izawa		
54	US- 5,385,475	01-31-1995	Sudman et al.		
55	US- 5,397,156	03-14-1995	Schach et al.		
56	US- 5,401,944	03-28-1995	Bravman		
57	US- 5,410,642	04-25-1995	Hakamatsuka et al.		
58	US- 5,412,191	05-02-1995	Baitz et al.		
59	US- 5,451,998	09-19-1995	Hamrick		
60	US- 5,452,379	09-19-1995	Poor		
61	US- 5,493,355	02-20-1996	Kazami		
62	US- 5,500,681	03-19-1996	Jones		
63	US- 5,505,494	04-09-1996	Belluci et al.		
64	US- 5,506,697	04-09-1996	Li et al.		
65	US- 5,551,011	08-27-1996	Danby et al.		
66	US- 5,555,496	09-10-1996	Tackbary et al.		
67	US- 5,559,714	09-24-1996	Banks et al.		
68	US- 5,578,797	11-26-1996	Hewitt et al.		
69	US- 5,612,868	03-18-1997	Off et al.		

**FOREIGN PATENT DOCUMENTS**

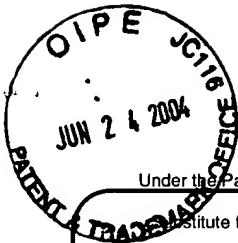
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
70	JP 07056941 A		03-03-1995	Tanaka et al.		
71	JP 7-64,169		03-10-1995	Masaru, Mase		
72	JP 11-355,699		06-05-1998	Yukihiro, Sai		
73	JP 10269326 A		10-09-1998	Nakamura et al		
74	JP 2001/142971		05-25-2001	Atsushi		

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Institute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4

of 5

**Complete if Known**

Application Number	09/769,141
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	660-026

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
75	US- 5,615,123		03-25-1997	Davidson et al.	
76	US- 5,644,408		07-01-1997	Li et al.	
77	US- 5,751,590		05-12-1998	Cannon et al.	
78	US- 5,801,944		09-01-1998	Kara	
79	US- 5,870,030		09-11-1997	Deluca et al.	
80	US- 5,872,589		02-16-1999	Morales	
81	US- 5,948,040		09-07-1999	DeLorme et al.	
82	US- 5,978,013		11-02-1999	Jones et al.	
83	US- 5,978,648		11-02-1999	George et al.	
84	US- 5,995,105		11-30-1999	Reber et al.	
85	US- 6,002,491		12-14-1999	Li et al.	
86	US- 6,064,832		05-16-2000	Sato et al.	
87	US- 6,072,186		06-06-2000	Yokonuma et al.	
88	US- 6,085,976		07-11-2000	Sehr	
89	US- 6,095,418		08-01-2000	Swartz et al.	
90	US- 6,149,441		11-21-2000	Pellegrino et al.	
91	US- 6,269,342		07-31-2001	Brick et al.	
92	US- 6,270,351		08-07-2001	Roper	
93	US- 6,311,214		10-30-2001	Rhoads	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 5 of 5

<b>Complete if Known</b>	
Application Number	09/769,141
Filing Date	1/25/2001
First Named Inventor	Spencer A. Rathus
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	660-026

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.